

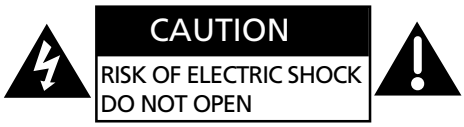
reality: reproduced.

LCD User's Guide

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Important Information



Caution: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

WARNING

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. The apparatus shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.

WARNING

The TV is unstable if it is not properly attached to the base or mounted to the wall. Please follow the base or wall mounting instructions provided in the User's Guide to ensure your safety.



This symbol indicates that this product contains mercury. Special disposal of this product for environmental reasons may be required under the laws applicable to your jurisdiction. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org.

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Cable TV Installer: This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

Important: This television is a table model and is designed to sit on a firm, flat, surface. Don't place the TV on soft carpeting or similar surface because the ventilation slots on the bottom of the unit will be blocked resulting in reduced lifetime from overheating. To assure adequate ventilation for this product, maintain a spacing of 4 inches from the top and sides of the TV receiver and 2 inches from the rear of the TV receiver and other surfaces.

Also, make sure the stand or base you use is of adequate size and strength to prevent the TV from being accidentally tipped over, pushed off, or pulled off. This could cause personal injury and/or damage the TV. Refer to the Important Safety Instructions on the next page.

Product Registration

Please fill out the product registration card (packed separately) and return it immediately. For US customers: Your RCA Consumer Electronics product may also be registered at www.rca.com/television. Registering this product allows us to contact you if needed.

Product Information

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. These numbers are located on the product.

Model No. _____ **Serial No.**_____ **Purchase Date** _____

Dealer/Address/Phone _____

Important Safety Instructions

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fi t into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel.
 Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984 (Section 54 of Canadian Electrical Code, Part 1) provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See following example.

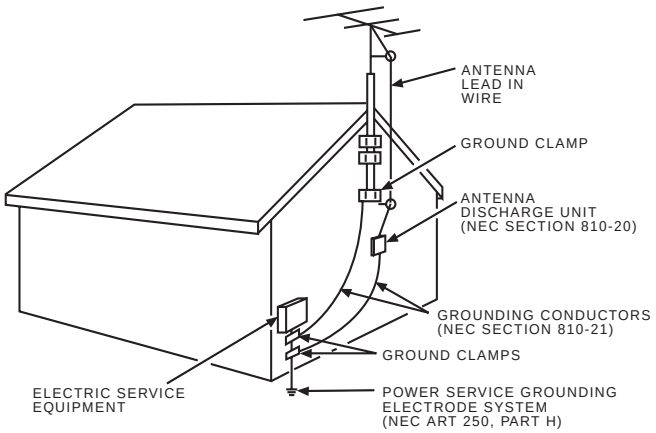


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Things to Consider Before You Connect

Protect Against Power Surges

- Connect all devices before you plug any of their power cords into the wall outlet or power strip. NEVER plug your TV into an outlet that is controlled by a wall switch.
- Turn off the TV and/or device(s) before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safety.

Instructions at the beginning of the User's Guide

- Protect Devices from Overheating.
- Don't block ventilation holes on any of the devices. Arrange the devices so that air can circulate freely.
- Don't stack devices.
- If you place devices in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other devices.

Position Cables Properly to Avoid Audio Interference

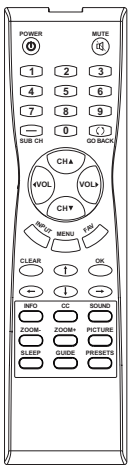
- Insert each cable firmly into the designated jack.
- If you place devices above the TV, route all cables down the side of the back of the TV instead of straight down the middle.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables. Also, keep the twin lead cables away from audio/video cables.

Use Indirect Light

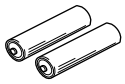
Don't place the TV where sunlight or room lighting will be directed toward the screen. Use soft or indirect lighting.

Check Supplied Parts

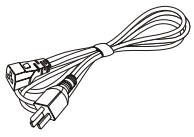
Check that the following parts were packed with your product.



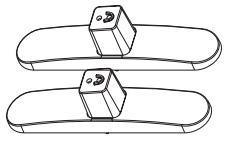
Remote control



2 AAA batteries



Power cord

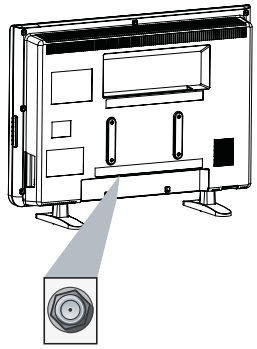


two (2) table stand feet



four (4) M5 x 16 screws

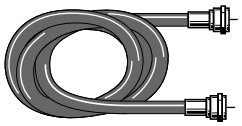
Note: *If you need to replace your remote, call 1-800-338-0376. A shipping and handling fee, and the appropriate sales tax, will be charged upon ordering. Have your Visa, MasterCard, or Discover Card ready.*



ANTENNA/CABLE INPUT

Get the Picture

The first part of connecting your TV is to get the picture, also known as the signal. The back panel of your TV allows you to receive analog and/or digital channels by using the ANTENNA/CABLE INPUT. See the graphic to the left for the location of the jack.



Coaxial cable

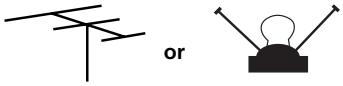
Getting Channels

What You Need

- Antenna ("rabbit ears") or outdoor antenna with coaxial cable

OR

- Coaxial cable with cable service



Outdoor or Indoor antenna

A. Do you have an indoor or outdoor antenna? If not, go to step B. If so, plug the antenna or coaxial cable from the wall outlet into the ANTENNA/CABLE INPUT to receive free off-air local digital and analog channels.

B. Do you have cable? If so, plug the coaxial cable from the wall outlet into the ANTENNA/CABLE INPUT to receive your cable channels.

C. Do you have a set-top box? If so, you may need to call your cable company or satellite service provider. They may use special cables to allow you to view digital channels.

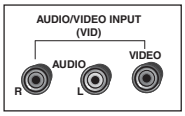
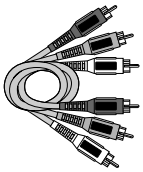
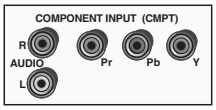
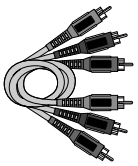
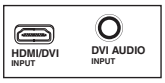
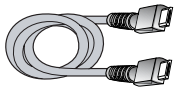
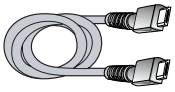
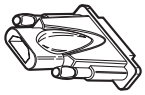
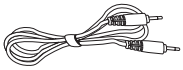
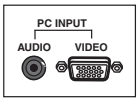
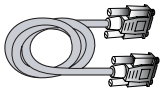
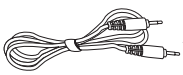
What You Need To Know

- Visit www.antennaweb.org to get help deciding what type of antenna to use to receive the local digital channels available to you. By entering where you live, this mapping program tells you what local analog and digital stations are available using a certain antenna.
- When you are ready to watch channels, the channel banner displays the type of channel you're viewing. Look for a *D* at the bottom of the screen for digital channels; look for an *A* for analog channels. Go to page 15 for more information.

Choose Your Connection

For additional assistance while using your RCA product, please visit www.rca.com/customersupport.

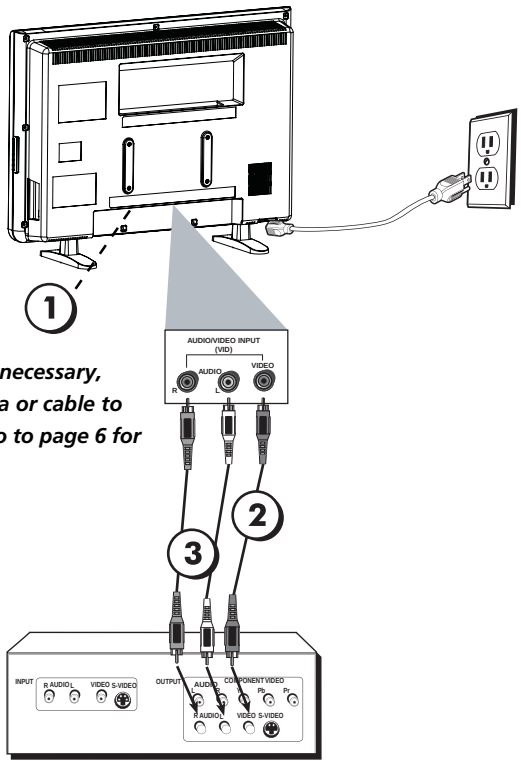
There are several ways to connect your TV. Please use the following chart to determine which connection is best for you. Proceed to the appropriate page and connect your TV.

Jacks Used	Cables Needed	Go to...
 **Video** **Audio R and L**	 **Audio/Video**	**page 8-9**
 **Y Pb Pr** **Audio R and L**	 **Component Video**  **Audio**	**page 8-9**
 **HDMI /DVI**	 **HDMI™** **OR**  **HDMI™** **+**  **HDMI/DVI adapter**  **Audio**	**page 10-11**
 **VGA Video** **Audio**	 **VGA**  **Audio**	**page 12**

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Composite Video (Basic) Connection

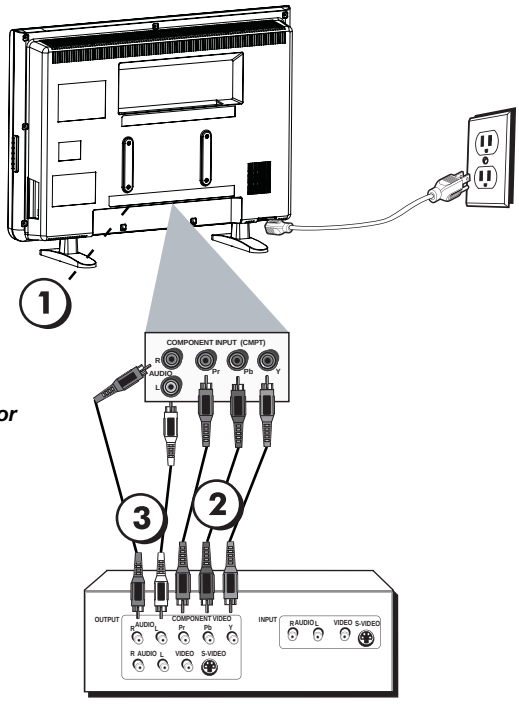
This is an example of a connection using the composite video jack. Go to the top of page 9 for specific instructions.



Don't forget: If necessary, connect antenna or cable to get a picture. Go to page 6 for instructions.

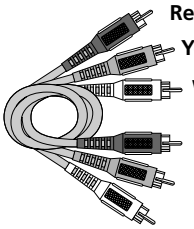
Component Video (Advanced) Connection

This is an example of a connection using the Component Video jacks. Go to the middle of page 9 for specific instructions.



Don't forget: If necessary, connect antenna or cable to get a picture. Go to page 6 for instructions.

Connecting the Device with Composite Video (Basic)



Composite cables are color coded- Yellow= video; Red= right audio; white= left audio

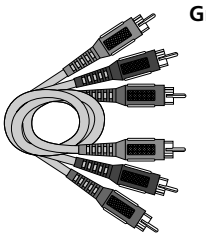
This connection allows you to connect a device that has a Video Out jack, for example, a VCR.

Note: *If the device you're connecting also has Component Video jacks and you have component video cables, we recommend you use the Component Video (Advanced) Connection instead. See instructions below.*

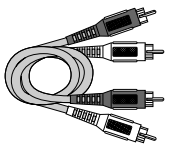
Using the example of a VCR:

1. **If necessary, connect your cable and/or off-air antenna as described on page 6.**
2. **Connect the yellow video cable.**
 Connect a video cable to the composite (VID) video jack on the back of the TV and to the Video Output jack on the VCR.
3. **Connect the red and white audio cables.**
 Connect the audio (red and white) cables to the (VID) AUDIO R and L jacks on the back of the TV and to the Audio Output jacks on the VCR.

Connecting the Device with Component Video (Advanced)



Component Video cables (Y Pb Pr) are color coded- Green, Blue and Red

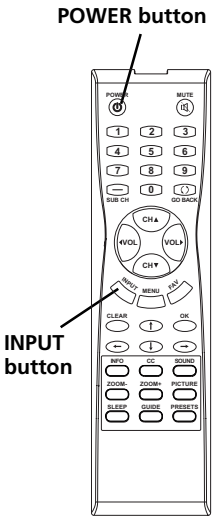


Audio cables are color coded- Red= right audio; white= left audio

This connection allows you to connect a device that has Y Pb Pr jacks, for example, a DVD player.

Using the example of a DVD player:

1. **If necessary, connect your cable and/or off-air antenna as described on page 6.**
2. **Connect the Y Pb Pr component video cables.**
 Connect three video cables or special Y Pb Pr cables to the COMPONENT INPUT (CMPT) Y Pb Pr jacks on the back of the TV and to the Y Pb Pr outputs on the DVD player.
3. **Connect the red and white audio cables.**
 Connect the audio (red and white) cables to the (CMPT) AUDIO R and L jacks on the back of the TV and to the Audio Output jacks on the DVD player.



Use these buttons to view the picture of the device you've connected to the TV.

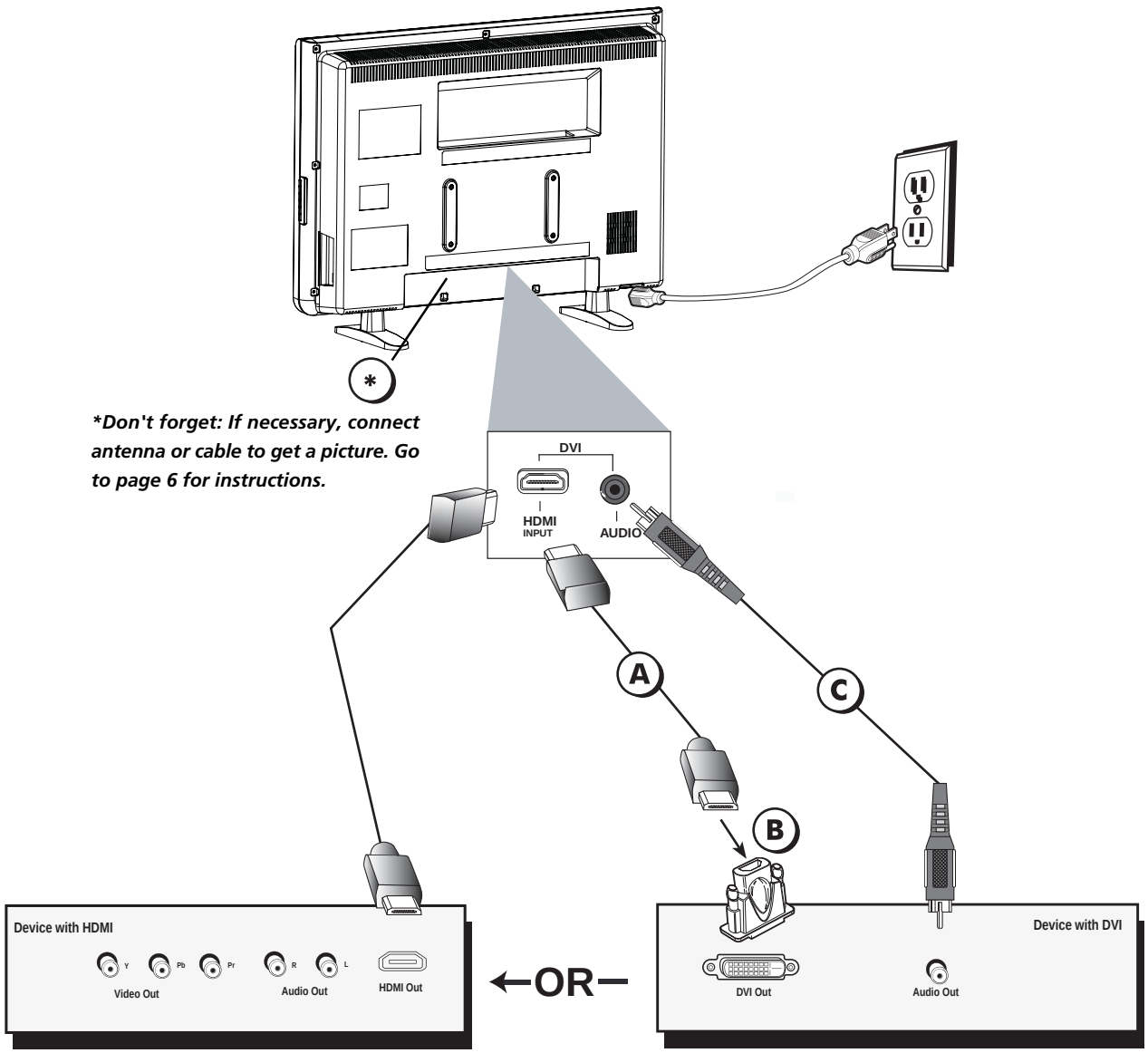
Viewing the Picture from the Connected Device

1. Plug in the TV (see page 13 for details) and the device, if they aren't already plugged in.
2. Turn on the TV and the device you want to view, for example a DVD player.
3. Repeatedly press the INPUT button on the remote control until you see VID (if connected to the VIDEO INPUT jack) or CMPT (if connected to the CMPT jacks) displayed at the top left of the TV's screen. To go back to viewing TV channels, use the INPUT button to get back to TV.
 Note: *If the picture from the DVD player appears black and white and your device is connected to the VIDEO Input, you might be tuned to the wrong input. Make sure you press INPUT until you see VID displayed at the top left of the TV's screen.*

•If you're done connecting devices to your TV, go to page 14 to complete the Initial Setup.

•To continue connecting devices, go to the next page.

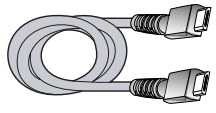
HDMI/DVI Connection



Don't forget: If necessary, connect antenna or cable to get a picture. Go to page 6 for instructions.

Connecting the Device

High-Definition Multimedia Interface (HDMI) technology is an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable. Since HDMI technology is based on Digital Visual Interface (DVI), the jack on the back of your TV is also compatible with devices that have a DVI output jack.



HDMI cable

Using the example of a set-top box:

- **If your set-top box has an HDMI jack, connect an HDMI cable.**
 Connect an HDMI cable to the HDMI/DVI Input jack on the back of the TV and to the HDMI Out jack on the back of the device.

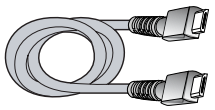
-OR-

- **If your set-top box has a DVI jack, connect an HDMI cable and an HDMI/DVI adapter.**

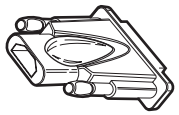
 (A.) Connect an HDMI cable to the HDMI/DVI Input jack on the back of the TV.

 (B.) Attach an HDMI/DVI adapter to the end of the HDMI cable, then connect the adapter to the DVI Out jack on the set-top box.

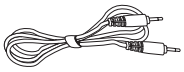
 (C.) Since you're using an HDMI/DVI adapter, you need to connect a separate Audio cable to the PC AUDIO jack on the back of the TV and to the AUIDO jack on the back of the device.



HDMI cable

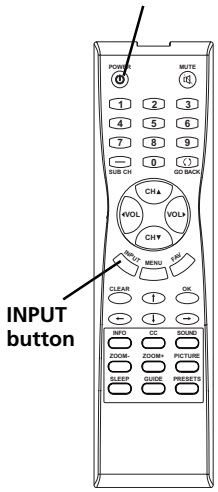


HDMI/DVI adapter



Audio cables

Viewing the Picture from the Connected Device



Use these buttons to view the picture of the device you've connected to the TV.

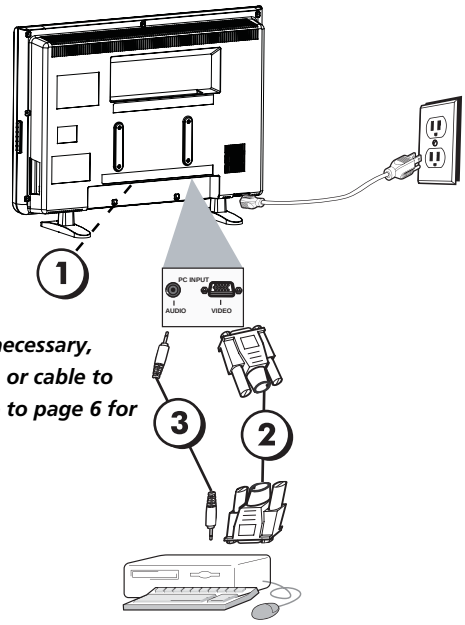
The device in this connection is connected to the HDMI/DVI jack. To view this device:

1. Plug in the TV (see page 13 for details) and the device, if they aren't already plugged in.
2. Turn on the TV and the device you want to view, for example a set-top box.
3. Repeatedly press the INPUT button on the remote control until you see HDMI displayed at the top left of the TV's screen. To go back to viewing TV channels, use the INPUT button to get back to TV.

•If you're done connecting devices to your TV, go to page 14 to complete the Initial Setup.

•To continue connecting devices, go to the next page.

PC Connection



Don't forget: If necessary, connect antenna or cable to get a picture. Go to page 6 for instructions.

Connecting the Device

This connection allows you to connect to a personal computer.

1. **If necessary, connect your cable and/or off-air antenna as described on page 6.**
2. **Connect your monitor cable.**

 Connect one end of a 15-pin monitor cable to the PC VIDEO jack on the TV and the other end to the PC's video output jack. Note, if your PC's video output isn't 15-pin, you'll need an adapter that can connect to a 15-pin monitor cable.
3. **Connect your audio cable.**

 Connect a 3.5 mm stereo mini pin cable (sometimes referred to as 1/8" stereo mini pin) to the PC AUDIO jack on the back of the TV and the other end to the Audio Output jack on the PC.

 Notes: *The maximum resolution is 1360 x 768. Be sure to set your PC to the correct monitor output setting.*

Viewing the PC

1. Plug in the TV and the PC, if they aren't already plugged in.
2. Turn on the TV and the PC.
3. Repeatedly press the INPUT button on the remote control until you see PC displayed at the top left of the TV's screen. To go back to viewing TV channels, use the INPUT button to get back to TV.

Plug in the TV

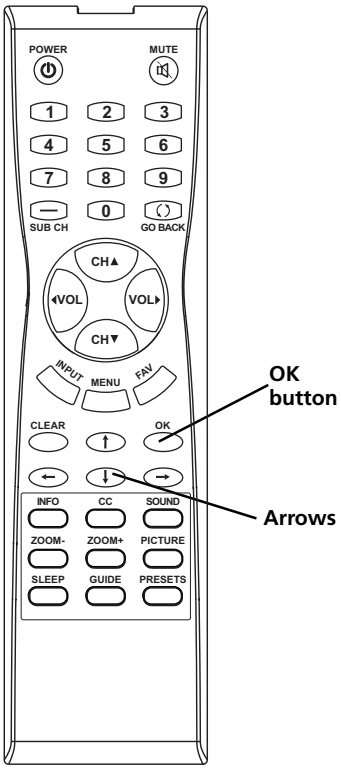
Plug the end of the power cord into the back of the TV. Plug the other end into a grounded wall outlet. Insert the plug completely into the outlet. Do not plug into an outlet controlled by a light switch.

Put Batteries in the Remote

- Remove the battery compartment cover from the back of the remote by pushing the tab and lifting off the cover.
- Insert two fresh batteries. Make sure the polarities (+ and -) are aligned correctly.
- Replace the cover.

Turn on the TV

Turn on your TV by pressing the POWER button on the side of the TV or POWER on the remote control.



How to Use the Remote Control to Complete the Initial Setup

The technical term is “Navigation” - how you move through the on-screen menus. The theory is the same throughout the menu screens: highlight your choice and select it.

To highlight a menu item, press the arrow buttons on the remote to highlight one of the items listed on the screen. Use the up or down arrow button to move up or down. Use the right or left arrow button to view other selections for a menu choice or to display a sub-menu. More than one selection displays, for example, On...; a menu choice with a sub-menu displays dots (...).

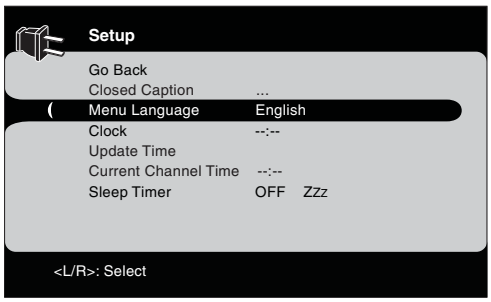
Note: *Highlighted means that the menu item stands out from other menu items on the list (appears darker, brighter, or a different color).*

Tips

To access the setup menus manually, press MENU and choose Setup.

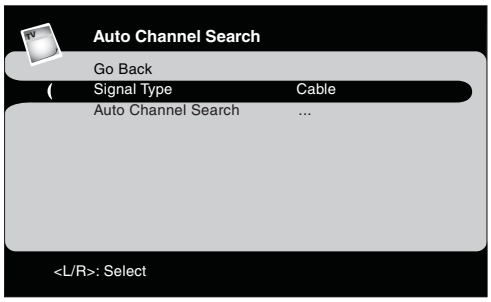
Complete the Initial Setup

The menu system in your TV allows the TV's features to work properly.



Set the Menu Language

The *Menu Language* of the *Setup* allows you to select your preferred language for the menu system.
English is the default menu language. To choose another language, press the right arrow button.

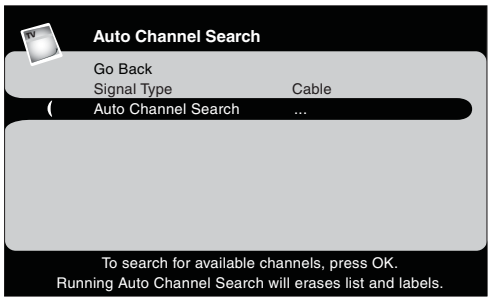


Complete Channel Setup

Make sure you've connected the TV to cable and/or an off-air signal before you start the next part of the setup.

Set the Signal Type

If you connected Cable to your ANTENNA/CABLE jack, the option is chosen for you and you can press the down arrow button to continue. To choose *Antenna*, press the right arrow button and then press the down arrow button to continue.



If you have analog and digital channels, the TV's search will take longer since it is looking for both.

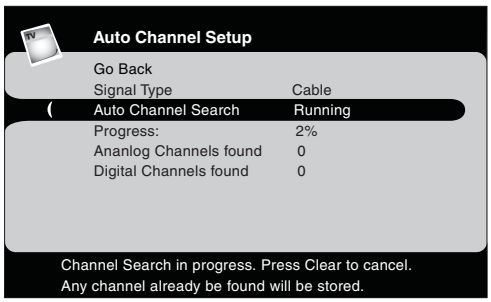
Complete the Channel Search

With *Auto Channel Search* highlighted, press OK to begin the channel search. If you lock the parental control settings, you must enter your password before start the atuo channel search.

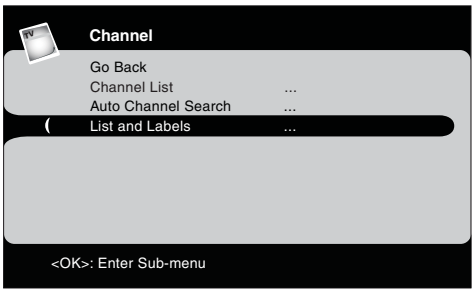
There are several things to be aware of when the TV's searches for channels.

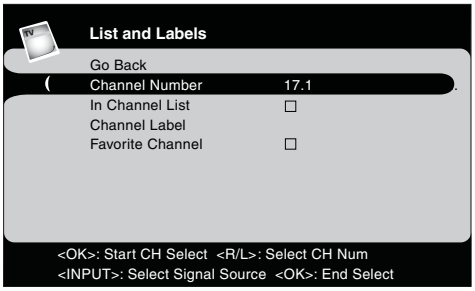
If you chose *Cable* as your signal type, the search will take some time because it's looking for analog and digital channels, and then it's removing scrambled channels found. Here is what happens during the search:

1. The search first looks for analog channels and places the number of channels found next to *Analog Channels found*.
2. The search then looks for digital channels and places the number of channels found next to *Digital Channels found*.
3. When the search is in progress, the *Auto Channel Search* menu will look like the picture to the left. As long as *Running* remians on the menu screen, the channel search is still in progress. To exit the channel search and menu system, press CLEAR.



Once a channel search is in progress, the Auto Channel Search menu looks like this.

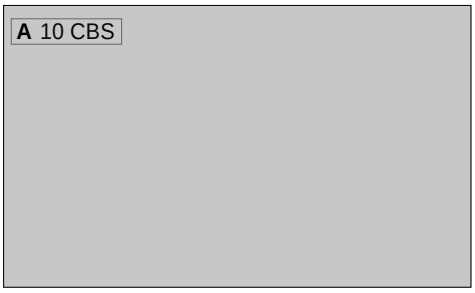




You might find there are still some channels in your list that are unavailable to view. To get rid of these channels, press MENU and choose *Channel*. Highlight and select *List and Labels,* select *In Channel List* and press OK to remove the check mark in the box. The channel will no longer be visible in the channel list. Note that removing channels from your channel list may be time consuming, so you might want to do it later. More details pls. go to page 25.

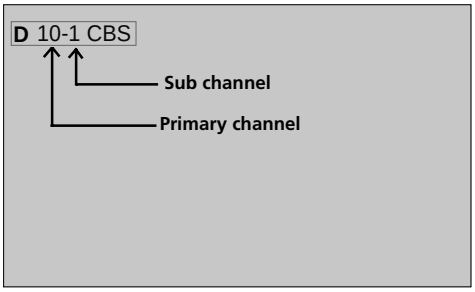
What To Expect

Watching TV



Look for the A at the top of the screen to see if you're watching analog channel.

- **Remember:** Look for an *A* at the top of the screen to see if you're watching an analog channel.
 Analog video is sent in a 4/3 format, your TV can display these channels in a 16/9 format by pressing the ZOOM+/- buttons to view the different formats available: *Normal, Stretch, Center* or *Zoom*.
- **Remember:** Look for a *D* at the top of the screen to see if you're watching a digital channel.
 Most digital video is sent in a 16/9 format which does fill your screen, but sometimes is sent in 4/3 which does not fill your screen. It depends on how the station or source device is formatting the video. **If there are bars on-screen, press the ZOOM+/- button to try a different format that may eliminate the bars.** Some bars can't be removed because of the way the format is sent by the broadcaster.

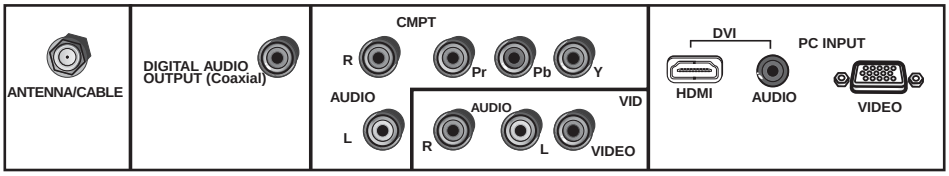


Look for the D at the top of the screen to see if you're watching digital channel.

Changing Channels

- Digital channels can have both primary channels (like the analog channel number) and sub-channels. To tune to a digital channel with a sub-channel, such as 10-1 as shown in the graphic to the left, enter the primary channel number (10), then press either the right arrow or the SUB CH button. Enter the sub-channel number (1) and press OK.
- Depending upon the type of signals you have connected to your HDTV, you might notice that the channels change slower than you're used to. This is perfectly normal. Digital cable channels sometimes take longer to tune.

Explanation of Jacks (in alphabetical order)



This section describes the jacks on the back panel of your TV. There are several ways to connect devices.

ANTENNA/CABLE INPUT Lets you connect a coaxial cable to receive the signal from your antenna, cable, or cable box.

AUDIO/VIDEO INPUT (VID) Lets you connect a device that has composite video jacks, such as a VCR or DVD player.

- **L AUDIO** Provides left audio connection when using the VIDEO INPUT jack. The left audio connector is usually white.
- **R AUDIO** Provides right audio connection when using the VIDEO INPUT jack. The right audio connector is usually red.

COMPONENT INPUT (CMPT) Lets you connect a device that has component video jacks, such as a DVD player.

- **Y Pb Pr** Provides optimum picture quality because the video is separated into three signals. Use three video-grade or component video cables for the connection. When using CMPT Y Pb Pr, make sure you connect left and right audio cables to the CMPT L and R AUDIO jacks.
- **CMPT L AUDIO** Provides left audio connection when using the CMPT video inputs. The left audio connector is usually white.
- **CMPT R AUDIO** Provides right audio connection when using the CMPT video inputs. The right audio connector is usually red.

DIGITAL AUDIO OUTPUT (Coaxial) Use a digital coaxial cable to connect your TV to a compatible audio receiver.

HDMI/DVI INPUT Lets you connect a device, such as a digital cable box, with an HDMI or a DVI output.

- **HDMI/DVI INPUT** (High-Definition Multimedia Interface/Digital Visual Interface) Provides an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable. Since HDMI technology is based on Digital Visual Interface (DVI), the jack on the back of your TV is also compatible with DVI devices.
- **DVI AUDIO (used for DVI only)** Provides audio connection when using the HDMI jack for DVI. Use a 3.5 mm stereo mini pin cable (sometimes referred to as 1/8" stereo mini pin) to connect your device to your TV.
 Note: *Remember to connect the audio cable because the DVI cable carries only the picture signal, not the sound.*

PC INPUT Connect your computer, or other device with a RGB output, to this jack using a 15 pin D-sub cable.

PC AUDIO (Stereo mini jack) Use to obtain sound when a PC is connected to the PC jack. Use a 3.5 mm stereo mini pin cable (sometimes referred to as 1/8" stereo mini pin) to connect a PC to your TV.

Buttons and Other Jacks On Your TV

Side Input Jacks

(Headphones) Allows you to connect headphones to listen to the sound coming from the TV.

Side Panel Buttons

If you cannot locate your remote, you can use the side panel buttons of your TV to operate many of the TV's features.

POWER Turns the TV on and off.

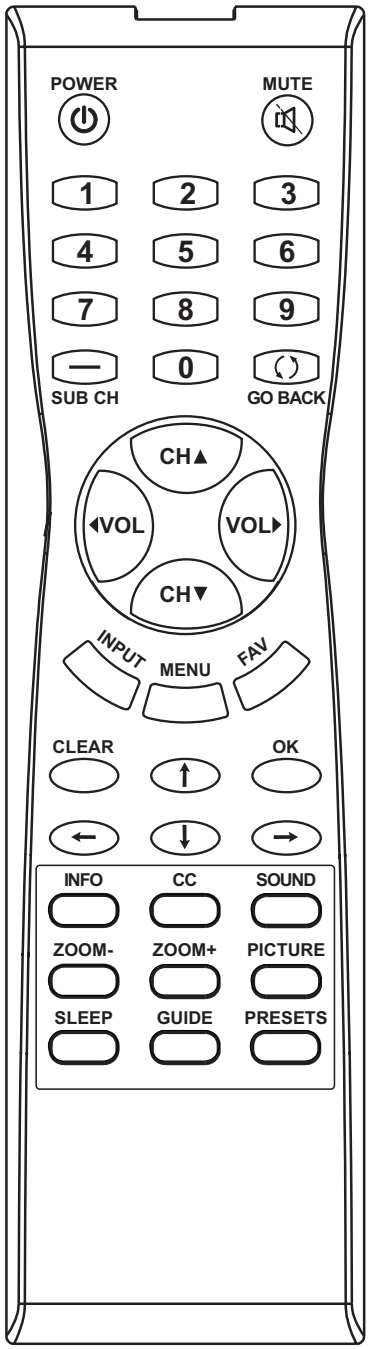
MENU/OK Brings up the TV Main menu. When in the menu system, displays sub-menus and selects highlighted items.

VOL ▲ Increases the volume. In the TV menu system, acts like the right arrow button on the remote control and adjusts menu controls.

VOL▼ Decreases the volume. In the TV menu system, acts like the left arrow button on the remote control and adjusts menu controls.

CH▲ Scans up through the channel list.In the TV menu system, acts like the up arrow button on the remote control and adjusts menu controls.

CH▼ Scans down through the channel list. In the TV menu system, acts like the down arrow button on the remote control and adjusts menu controls.



Note: If you need to replace your remote, call 1-800-338-0376. A shipping and handling fee, and the appropriate sales tax, will be charged upon ordering. Have your Visa, MasterCard, or Discover Card ready.

The Buttons on the Remote Control

Numeric Buttons Enter channel numbers and time settings.
To enter a channel, press the number buttons and press OK (or just let the entry timeout).
To enter a digital channel with a sub-channel, enter the main channel, then press the SUB CH or right arrow button to enter the sub-channel and press OK.

Arrows Used to highlight different items in the TV menu and to adjust the menu controls.

CC Press to selelct the *CC Settings*: *Off, On Always, On When Muted.*

CH▲ or CH▼ Scans up or down through the current channel list. Press once to change the channel up or down; press and hold to continue changing channels.

CLEAR Removes any menu or display from the screen and returns you to normal viewing.

FAV Press to browse the channels in your Favorite List.

GO BACK Returns you to the previous channel, or teturn to the previous menu in menu system.

GUIDE Displays an electronic program guide (when available).

INFO If no menus are on-screen, displays the channel banner; press again to clear the screen.

INPUT Accesses the available video input channels (*TV Channel, VID, CMPT, PC,* and *HDMI*). To resume TV viewing, press the number buttons to enter the channel or press CH+ or CH- buttons.

MENU Brings up the Main menu.

MUTE Reduces the TV's volume to its minimum level. Press again to restore the volume.

OK When in the menu system, selects highlighted items.

PICTURE Press to display the *Picture* menu.

POWER Turns the TV on or off.

PRESETS Press to display the *Preset* menu.

SLEEP Press once to display the current time left on sleep timer, if the sleep timer is set. Press repeatedly to set the time period after the TV will turn itself off.

SOUND Press to display the *Sound* menu.

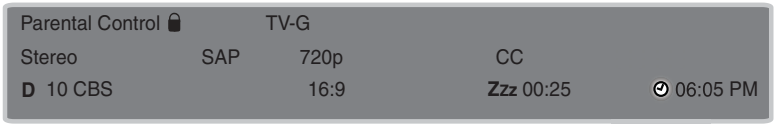
SUB CH When entering a digital channel that has a subchannel, press this button to access the subchannel entry field. Once the channel is entered, press the OK button to tune to the channel.

VOL◄ or VOL► Decreases or increases the TV's volume.

ZOOM- or ZOOM + When viewing a channel, press to change the screen format: *Normal, Center, Zoom* and *Strech*.

Channel Banner

There are several indicators that might appear when you press the INFO button on the remote. This display is called the Channel Banner. The following list describes the items on the Channel Banner screen (left to right and top to bottom).



Parent Control — The Parent control state (locked or unlocked) of the current program.

TV-G — Rating information of the current program

Stereo — Stereo appears when the analog channel is broadcasting in stereo.

Mono appears when the analog channel is broadcasting in mono.

SAP — The current channel is broadcasting SAP (Second Audio Program) information.

720p — Program resolution

CC — Digital Closed Captioning is available on the current channel.

D 10 CBS — The *D* means it's a digital channel. If it's an analog channel, *A* is displayed. The channel, sub-channel (if available for digital channels) and program (only for digital channels) you're currently viewing are displayed.

3/4 or 16:9 — The current screen format being received from the broadcaster. If there are bars on-screen you might be able to get rid of them by pressing the ZOOM buttons on the remote. Go to page 22 for more information on screen formats.

ZZZ 00:25 — Time left on sleep timer, if the sleep timer is set.

06:05 PM — Current time

Parental Controls and V-Chip

The choices in the US V-Chip and Canada V-Chip menus involve software inside your TV (referred to as V-Chip) which allows you to block TV programs and movies. TV programs can be blocked by age-based ratings, such as TV-MA, which is explained on page 31. If available, TV programs can also be blocked by content, such as adult language (L). This is explained on page 31. Movies can only be blocked by age-based ratings. This is explained on page 32.

Once you block programs, you can unblock programs by entering a password.

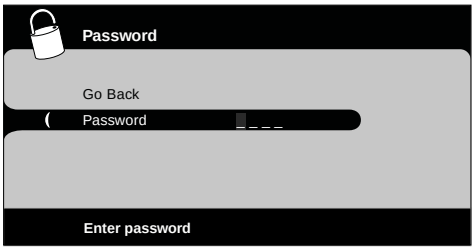
By default, the software inside your TV is turned off or unlocked. For instructions to lock V-Chip, see below.

> ***Note:*** *Parental control settings are not available for HDMI, CMPT , VID or PC inputs. These settings must be set in the connected device's parental controls.*

How V-Chip Works for USA and Canada

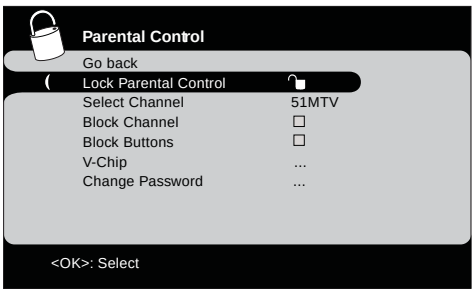
V-Chip reads the program's age-based rating (TV-MA, TV-14, etc.) and content themes [(Violence (V), Adult Language (L), etc.)]. If you have blocked the rating and/or content themes that the program contains, you will receive the message This channel is blocked. Change channel or press OK to enter your password and temporarily deactivate the parental controls.

Broadcasters are not required to provide content themes, so programs received with no content themes will only be blocked if you block their age-based rating. You can also block out programs that have been given an Exempt rating, and programs that are considered unrated. Go to page 31 for the US and Canada ratings explanations.



Lock/Unlock Parental Controls

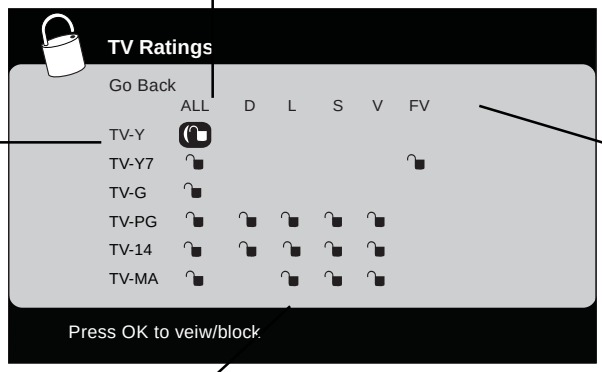
1. Choose *Parental Control* from the Main Menu.
2. If parental controls are locked, then the *Password* menu will appear when you try to enter the *Parental Control* menu. Enter your password using the number buttons to enter the *Parental Control* menu.
3. Selecting *Lock Parental Control* , and press OK to lock or unlock the parental control settings.



Note: *When you entering the correct password, the Password menu is cleared and will enter the Parental Control menu. If an invalid password is entered, you must enter again. If you forget your password, you can enter the factroy default code: 4116. If you want to change the password, go to page 21 for more information.*

If you do not lock parental controls, none of the settings for Block Channel, V-Chip, or Block Buttons will take effect.

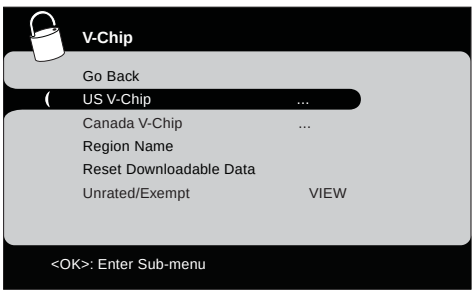
Rating Status Field
Lets you select whether the status of the age-based rating limit to the left is View or Block.



Rating Field
Lets you select from a list of age-based ratings you can block or view.

Content Themes
Lists the content themes you can block or view.

Content Status Fields
Lets you select which content themes to view for the selected rating, and whether the status of the content theme is currently unlocked () or locked ().

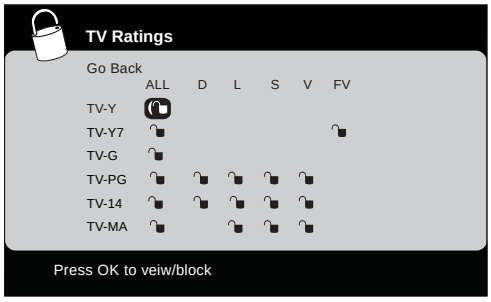


US V-Chip TV Ratings

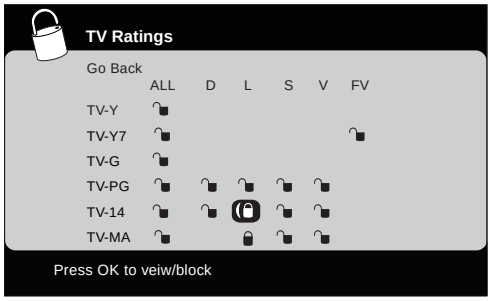
Blocking Age-Based Ratings

You can automatically block all program ratings above a specified age-based rating level.

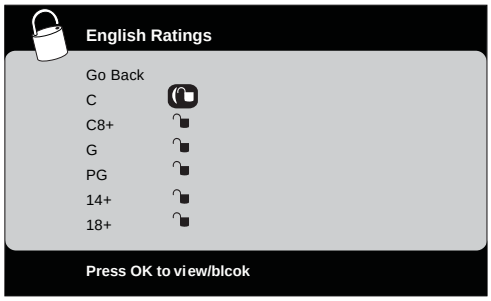
1. Choose *Parental control* from the Main Menu. If parental controls have previously been locked, you must enter your password.
2. Highlight and select *V-Chip*.
3. Highlight and select *US V-Chip* . Then select *TV ratings*.



Hierarchy of Age-Based Ratings	
TV-Y	*All Children*
TV-Y7	*Directed to Children 7 years and older*
TV-G	*General Audience*
TV-PG	*Parental Guidance Suggested*
TV-14	*Parents Strongly Cautioned*
TV-MA	*Mature Audience Only*



Content Themes	
D	*Sexually explicit dialogue*
L	*Adult language*
S	*Sexual situations*
V	*Violence*
FV	*Fantasy Violence*





4. Press the up or down arrow button to scroll to the rating corresponding with the lowest rating you do not want the child to watch.
5. Press the OK button to toggle between *view* (🔓) and *block* (🔒). The status for the rating and all higher ratings automatically changes to *Block*.
6. Press Go back twice on the remote to return to the *Parental Control* menu.
7. Select *Lock Parental Control* from the *Parental Control* menu for rating limits to take effect, press OK.

Blocking Specific Content Themes

You can block programs based on their content. (Content is represented by the D, L, S, V and FV on your screen.) When you block a content theme for a particular rating, you automatically block that content theme for higher rated programs as well.

To block program content:

1. Determine the content themes you want to block.
2. Press the down arrow button to scroll to the rating whose content theme you want to change.
3. Press the right arrow button to move the highlight to a particular content theme.
4. Press the OK button to change its status to lock. (In the example to the left, you block the language (L) corresponding with TV-14. The language for TV-MA is blocked as well.)

 Notes: *Broadcasters are not required to provide content themes or age-based ratings.*

 You must remember to lock Parental controls for rating limits to take effect.

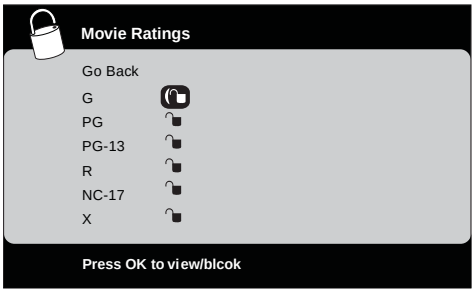
To view content theme after you've locked them, follow the same steps as above to unlock. Note that if you unlock the language corresponding with TV-14, the language for TV-MA doesn't unlock. You have to unlock the content theme status for each rating separately.

Blocking Canadian V-Chip Ratings

If you receive Canadian programs you can block Canadian English and French V-Chip by ratings only. When you block a particular rating, you automatically block the higher rated programs as well.

To block Canadian English and French program ratings:

1. Select *Canada V-Chip* from the *V-Chip* menu.
2. Highlight *English Ratings* or *French Ratings* and press OK.
3. Determine the rating you want to block.
4. Press the down arrow button to scroll to the rating you want to change.
5. Press the OK button to change its status to block (all ratings above the one you selected change to block).
6. Press Go back twice on the remote to return to the *Parental Control* menu and *Lock Parental Control* to make your selections take effect.



V-Chip Movie Rating Limit

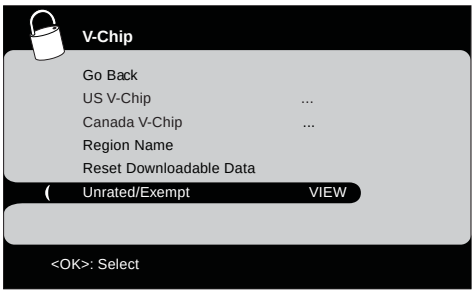
Set movie rating limits by blocking movies rated above a specified level.

To access the Movie Rating Limit menu:

1. Press MENU on the remote control (the TV's Main Menu appears).
2. Select *Parental Control*.
3. Select *V-Chip*.
4. Select *US V-Chip*.
5. Select *Movie Ratings*.

Blocking Movie Ratings

Once you are in the *Movie Ratings* menu, follow the same steps described for blocking Canadian V-Chip Ratings.



Blocking Unrated/Exempt Programs

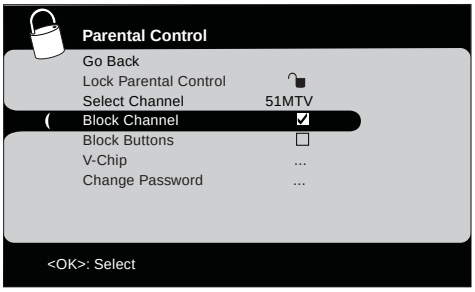
The *Unrated/Exempt* ratings option lets you decide if programs that the V-Chip recognizes as unrated or exempt can be viewed. Unrated TV programs may include news, sports, political, religious, local and weather programs, emergency bulletins, public announcements, and programs without ratings. The Exempt option applies to both USA and Canadian unrated programs and Canadian programs rated E.

VIEW All unrated programs are available

BLOCK All unrated programs are not available.

Note: *You must remember to lock Parental controls for rating limits to take effect.*

Press the down arrow button to highlight *Unrated/Exempt,* Then press the OK button to toggle between View and Block.



Block Channel

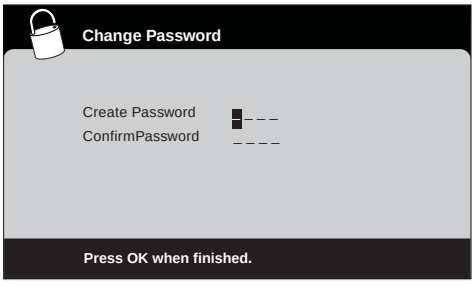
Turn this option on to block the channel you see in the *Selelct Channel* option.

Use the left/right arrow buttons to find the channel you want to block, then press the down arrow button to select *Block Channel*. Press OK to place a check mark in the *Block Channel* box to block the channel. When you tune to that channel you'll need to enter a password to view the channel if the TV Parental Controls are locked.

Block Buttons

Select this option to block (disable) or unblock (enable) the TV's side panel buttons so that they can't be used by someone, like a young child. The remote still tunes to any channel. If you're using this to keep children from changing channels, remove access to any remote that is capable of operating the television while you have the side panel blocked.

Don't forget to lock parental controls after you change the status. If you don't, the *Block Buttons* action will not take effect.



Change Password

This option let you set a new V-chip password.

1. Press MENU on the remote control (the TV's Main Menu appears).
2. Select *Parental Control*.
3. Select *Change Password* and press OK to display the password resetting menu.
4. Using number buttons to enter the new password, press OK. Enter the new password again and press OK to confirm.

Future Rating Region

You might notice an option in your Parental control menu that wasn't there before. This is because broadcasters have the capability to add a new rating system for TV programs. These ratings let you define additional parameters for parental controls. This option and its name are dependent on the content acquired from the broadcaster.

Note: *These ratings are available only if the broadcaster is sending them.*

Additional Features

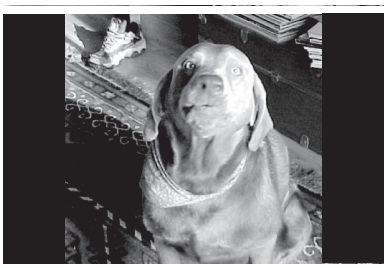
There are additional features available unrelated to Parental Controls. These features can be found in other menus.

Screen Formats

Screen format is the way the picture is displayed on your TV. Press the ZOOM +/- buttons on your remote to see if a different format is available for the video you are viewing. The format changes as you press the ZOOM buttons and the format type is displayed at the bottom of the screen.

Analog video is sent in a 4/3 format, which will not fill the screen viewing area. Most digital video is sent in a 16/9 format which does fill your screen, but sometimes is sent in 4/3 which does not fill your screen. It depends on how the station or device connected to your TV is formatting the video. If there are bars on the screen, press the ZOOM +/- button to try a different format that may eliminate the bars. Some bars can't be removed because of the way the format is sent by the broadcaster.

The different formats available and what they look like follow. Each format is available for analog video, but might not be available for digital video.



Normal



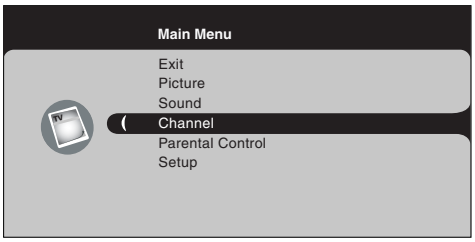
Zoom



Stretch



Center



Using the Menu System

This section explores the menus of your TV. Each menu is outlined and detailed to help you get the most from your TV. The Parental control menu is discussed in the Features chapter.

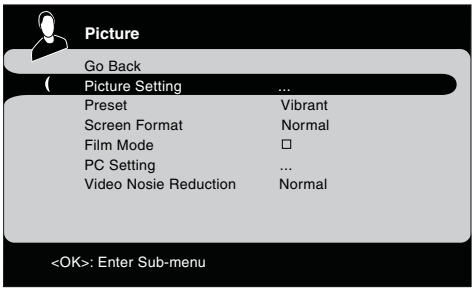
To access the menu system:

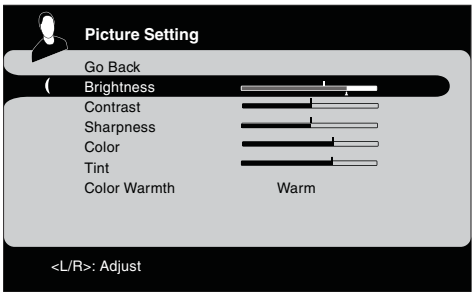
1. Press the MENU button.
2. Use the up and down arrow buttons to highlight an option and press OK to display it. The name of the menu is displayed at the top of the menu screen.
3. Press the up and down arrow buttons to move to a different option within the menu. If necessary, press the OK button to display the choices of the option you've highlighted. If available, use the text at the bottom of each screen for help.
4. To return to the Main Menu, press the MENU or GO BACK button until it's displayed.
 Note: *Options in the menus that are grayed-out and can't be highlighted are unavailable or in progress.*

Descriptions of each menu are discussed in the order they appear. There are two ways to exit a menu:

- Press the CLEAR button. The menus are cleared from the screen and you return to TV viewing.
- Press the MENU button repeatedly until the menus disappear.

Picture Menu





The Picture menu contains menus and controls to configure how the picture looks. The Picture menu options apply to the video for the main TV and video input selections. All picture options can be applied to each input- VID, CMPT, HDMI and PC.

Picture settings Select Picture Setting menu, press OK to enter the submenu to adjust the following picture settings:

Brightness Adjusts the brightness of the picture.

Contrast Adjusts the difference between the light and dark areas of the picture.

Sharpness (not available on PC) Adjusts the crispness of the edges in the picture.

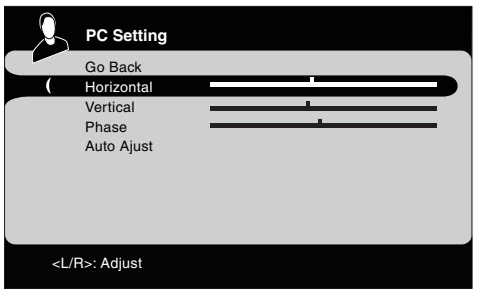
Color Adjusts the richness of the color.

Tint (not available on PC) Adjusts the balance between the red and green levels.

Color Warmth Displays a choice list that lets you set one of three automatic color adjustments: *Cool* for a more blue palette of picture colors; *Normal*, or *Warm* for a more red palette of picture colors. The warm setting corresponds to the NTSC standard of 6500 K. When you change any of these picture settings, the *Picture Preset* changes to *Personal*. Use the left or right arrow button to make adjustments. To return to the *Picture* menu, press the up or down arrow button to highlight *Go Back*, then press OK.

Picture Preset (not available on PC) Displays a choice list that lets you select one of the preset picture settings: *Vibrant, Gaming*, *Natural*, or *Personal*. Choose the setting that is best for your viewing environment.

Screen Format Change the screen format among *Normal, Center, Zoom* and *Stretch*. For more informtaion on screen format, go to page 22.



Film Mode (3:2 Pulldown) Automatically detects video sources that were originally recorded on film (like most movies) and subsequently converted to a different format (for TV broadcast, for example). Film mode processes the converted signal so that it looks as close as possible to the original. Another name for this process is reverse 3:2 pulldown.

The ***On*** setting ☑ (recommended) enables the feature only when the TV detects that movie playback quality could be improved.

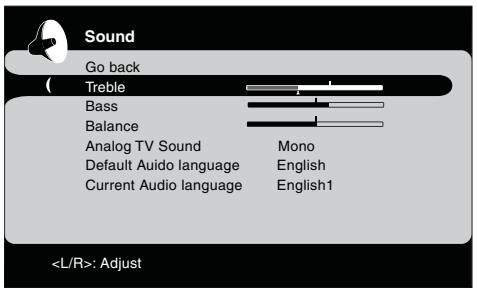
The ***Off*** setting turns off film mode upconversion. Try using this setting if you think the reverse 3:2 pulldown is causing distortions in your picture.

PC Settings Adjust the PC settings when in PC mode.

Video Noise Reduction (not available on PC or digital channels) Reduces picture "static" or any type of interference. This feature is especially useful for providing a clearer picture in weak analog signal conditions. Press the right arrow to choose between: *Off* for no noise reduction; *Low* for a softer, smoother picture that retains picture sharpness and detail; *Medium* for a slightly softer picture than the Low setting; *High* for an even
softer, smoother picture than the other settings (the picture detail is somewhat decreased).

Note: *Video noise reduction is available for the CMPT inputs only if the signal is 480i.*

Sound Menu



The *Sound* menu lets you adjust audio output. To access the *Sound* menu, press MENU on the remote, and then select *Sound* from the *Main Menu*. The following sound items can be adjusted:

Treble Improves treble output.

Bass Improves bass output.

Balance Adjusts how much audio is sent to the left and right speakers.

Analog TV Sound Controls the way the sound comes through your speakers. The options available vary according to the input selected.

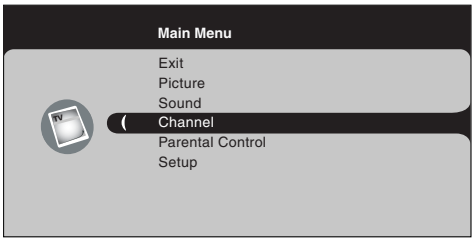
Mono (available for regular TV viewing only) Plays the sound in mono only. Use this setting when receiving broadcasts with weak stereo signals.

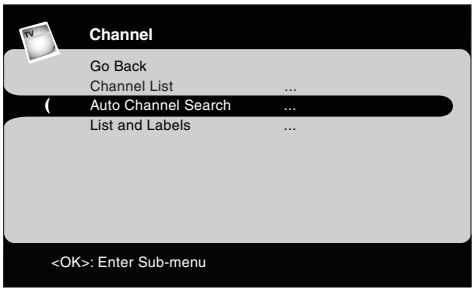
Stereo Splits the incoming stereo audio signal into left and right channels. Most TV programs and recorded materials have stereo audio. The word Stereo appears in the channel banner when you tune to a program that is broadcast in stereo.

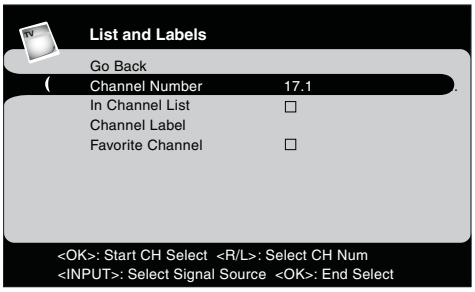
Second Audio Program (SAP) Plays the program's audio in a second language, if one is available. The letters SAP appear in the channel banner when you tune to a program that is broadcast with SAP information. SAP audio is broadcast in mono. SAP is also used to broadcast a program's audio with descriptions of the video for the visually impaired.

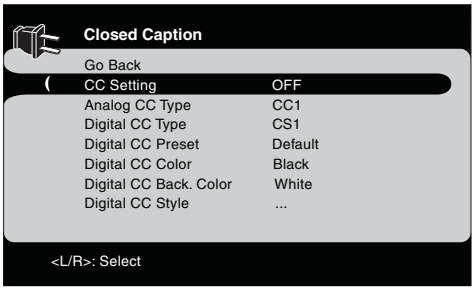
Default Audio Language Choose the language you prefer for dialog on digital channels. If your preferred language is being broadcast with a program, then the TV plays it. If not, then the TV plays the default audio for the program (usually English in the U.S.). The default digital channel audio language options are English, French, Spanish, German, Italian, Japnese, Chinese, Korean.

Current Audio Language Press the right arrow to choose from the audio languages available for the program you're watching. The language you choose becomes your preferred audio language for all digital channels until you turn the TV off. If the language you choose here is not being broadcast with a program, then the TV plays the default audio for the program (usually English in the U.S.).









Channel Menu

The Channel Setup menu lets you configure the TV to fit its surroundings and your preferences. Press MENU on the remote, and then select *Channel* from the *Main Menu*.

Channel List The *Channel List* menu allows you to view all the channels available in your channel list. Press the up or down arrow button to highlight a channel then press OK to tune to the channel. Press left and right arrow buttons to scroll to the next page.

Auto Channel Search Selects *Auto Channel Search,* then press OK to access the *Auto Channel Search* menu.

Signal Type Choose the type of signal you have connected to the ANTENNA/CABLE INPUT.

Auto Channel Search Searches for channels the TV is receiving. Go to page 14 for more information.

List and Labels Edit the channels in the list or choose labels for your video inputs. Select *List and Labels*, then press OK to display the submenu of *List and Labels*.

Channel Number Press OK to select, then use the left and right arrow buttons to select the channel number, or press the INPUT button, then use right/left arrow buttons to select a video input channel among VID, PC, CMPT, HDMI, finally press OK to confirm the selection.

In Channel List If you've entered a channel you want to add to the channel list, highlight *In Channel List* and press the OK arrow button to place a check in the check box. If you've entered a channel you want to delete from the channel list, press the OK button to uncheck the box.

Channel Label (not available for digital channels) Allows you to add a seven character label, which is displayed on-screen when you tune to the channel entered in the Channel Number option. Press OK to start edit channel name, then use the up or down arrow button to enter a character. Continue to press the right arrow button to highlight the next space to add another character, finally press OK to finish the edition.

Favorite Channel The channel you entered for *Channel Number* can be saved as a favorite channel by placing a check in the check box left to *Favorite Channel.* You can have up to 6 favorite channels. To access your favorite channels after they've been set, exit the menu system. Press the FAV to browse the favorite channels.

Setup Menu

Closed Caption Many programs are encoded with closed-captioning information, which lets you display the audio portion of a program as text on the TV screen.

Note: *Closed caption settings are not available for HDMI, VID, PC, CMPT inputs. These settings must be set in the connected device's menu.*

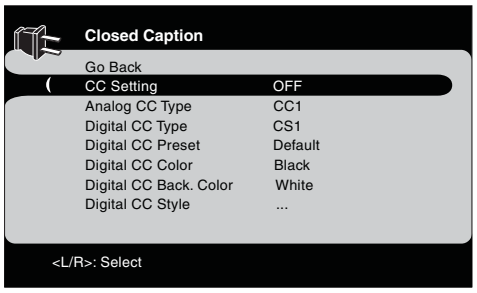
Closed Captioning is not available on all channels at all times. Only specific programs encoded with closed-captioning information. When a program is closed captioned, CC is displayed in the channel banner. See Chapter 3 for more information about the channel banner. The closed caption options are:

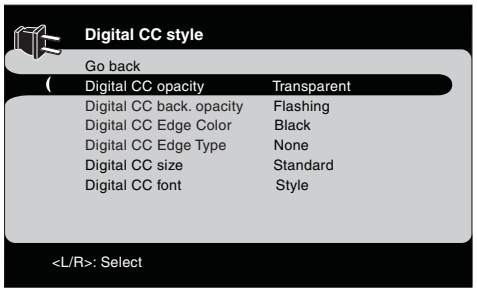
CC Setting Lets you choose the way closed captioning information appears on the screen.

Off No captioning information displayed.

On Always Captioning information always shown when available.

On When Muted Captioning information shown when TV is muted, and when available.





Analog CC Type If available, lets you select the captioning mode used for displaying captioning information. If you are unsure of the differences among the modes, you may prefer to leave the closed captioned mode set to *CC1*, which displays complete text of the program in the primary language in your area.

Digital CC Type If available, lets you select a closed caption service mode (1-6) for digital channels.

Digital CC Preset If available, lets you select between *Default* and *Custom* options. *Custom* changes according to what you set for the options below.

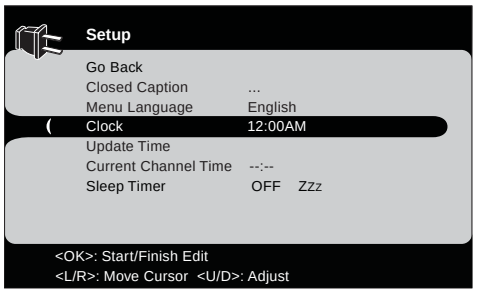
Digital CC Color Lets you choose the color of the digital closed-caption text: *White, Black, Red, Green, Blue, Yellow, Magenta, or Cyan*.

Digital CC Back. Color Lets you choose the color of the area of the screen behind the digital closed-caption text: *White, Black, Red, Green, Blue, Yellow, Magenta,* or *Cyan*.

Digital CC Style If available, lets you customize the following display options:

> ***Digital CC Opacity*** Lets you set the appearance of the digital closed-caption text: S*olid, Transparent, Translucent,* or *Flashing*.
>
> ***Digital CC back. Opacity*** Lets you set the the area of the screen behind the digital closed-caption text : *Solid, Transparent, Translucent,* or *Flashing*.
>
> ***Digital CC Edge Color*** Lets you choose the edge color of the digital closed-caption text: *Black, White, Red, Green, Blue, Yellow, Magenta,* or *Cyan*.
>
> ***Digital CC Edge Type*** Lets you choose the edge type of the digital closed-caption text: *None, Raised, Depressed, Outline, Left Shadow, Right Shadow*.
>
> ***Digital CC Size*** Lets you set the size of the digital closed-caption text. You can choose *Standard, Large,* or *Small*.
>
> ***Digital CC Font*** Lets you select a character design for the digital closed-caption text. A font is a complete assortment of letters, numbers, punctuation marks, etc. in a given design. You can choose from a variety of fonts (*Style1-7*).

Notes: *These captioning style options only have an effect on true digital closed captions.*
Not all captioning on digital channels is digital captioning--it depends on what the broadcaster is sending. If the closed captioning for a program is not digital, the Digital CC style settings will not have an effect.



Menu Language Lets you select your preferred language for the menus: *English, Espanol* or *Francais*.

Clock Press Ok to start input, input time with number buttons, press left and right arrow buttons to select the next space, then use up/down arrow buttons to set hours, minutes and AM/PM. Press OK to confirm.

Update Time Slect this option to automatically update the time using information contained in digital channel broadcasts. After *Update Time* is selected, the update time will replace the clock time entered by user.

Current Channel Time The current channel time can be taken as reference for time.

Sleep Timer Lets you set the TV to turn off after a given amount of time.

Frequently Asked Questions (FAQs)

What's the quickest way to view High Definition (HD) video?

Connect an off-air antenna to the ANTENNA/CABLE Input to view free local digital channels. You might need to purchase an antenna. Go to page 6 for more information.

Visit www.antennaweb.org to get help deciding what type of antenna to use to receive the local digital channels available to you. By entering where you live, this mapping program tells you what local analog and digital stations are available using a certain antenna.

Are there other ways to view High Definition (HD) video?

Besides using an off-air antenna as mentioned above, you can also use a set-top box to receive digital video. Contact your cable company or satellite provider to purchase digital programming and have them connect the box for you to ensure you're viewing channels the best way.

How do I tell an analog channel from a digital channel?

Press the INFO button to display the channel banner. Look at the top left corner of the screen. An *A* is displayed for an analog channel. A *D* is displayed for a digital channel.

Why are there bars on my screen and can I get rid of them?

Most digital video is sent in a 16/9 format which does fill your screen, but sometimes is sent in 4/3 which does not fill your screen. It depends on how the station or device connected to your TV is formatting the video. If there are bars on the screen, press the ZOOM +/- buttons to try a different format that may eliminate the bars. Some bars can't be removed because of the way the format is sent by the broadcaster. The format changes as you press the ZOOM buttons and the format type is displayed at the bottom of the screen. For more information on screen formats, go to page 22.

Why does channel search find a lot of channels, but when I try to tune to them there's nothing there?

Some channels are enabled by the cable company that don't carry programming, such as video-on-demand. When channels are unavailable, your TV's screen is blank or appears like snow. You probably want to get rid of these so they no longer appear in your channel list. Remove these in the *List and Labels* menu. Go to page 25 for more information.

Why does the first channel search take a long time?

If you have both analog and digital channels, the TV is looking for all available channels in the channel list. If you do have digital channels, the TV is also searching for scrambled channels, non-scrambled channels, and each sub-channel of that digital channel.

How do I add a digital channel that wasn't installed during the channel search?

If you want to add a digital channel that wasn't installed during the channel search, this can be done using the following steps.

Enter the physical channel number, and then press either the right arrow button or the SUB CH button and then press ok. The TV will then search this physical channel for any available channels. If any channels are found, you can add them to the Channel List in the *List and Labels* menu. See page 25 for more information.

Troubleshooting

Most problems you encounter with your TV can be corrected by consulting the following troubleshooting list.

TV Problems

TV won't turn on

- Make sure the TV is plugged in.
- Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
- The side panel controls may be locked (disabled). Use the remote control to unlock the side panel controls by selecting the *Block Buttons* feature in the *Parental control* menu and press OK to uncheck the box.

No picture, no sound but TV is on

- You might be tuned to an input with no device connected to it to view. If you're trying to view a connected device, press INPUT until the picture from that device appears.
- Maybe the *Signal Type* option is set incorrectly. Go to page 14 for detailed instructions.
- The channel might be blank--change channels.
- If you're watching your VCR and it's connected with coaxial cable to the ANTENNA/CABLE jack, tune the TV to channel 3 or 4 (whichever channel is selected on the 3/4 switch on the back of your VCR). Also check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

Sound okay, picture poor

- If you're getting a black and white picture from a device you've connected to your TV, you might have your video cables connected to the wrong jacks. A yellow Video cable connects to the yellow VIDEO input jack on the side or back of your TV; three video cables or bundled component video cables (red, blue, and green) connect to the corresponding COMPONENT INPUT jacks on the back of your TV.
- Check antenna connections. Make sure all of the cables are firmly connected to the jacks.
- Try adjusting sharpness function to improve weak signals. Go to page 23 for more instructions.

No sound, picture okay

- Maybe the sound is muted. Try pressing the volume up button to restore sound.
- If using DVI, HDMI, or Y Pb Pr remember to also connect the device's left and right audio output jacks to the TV's L and R Audio Input jacks.
- The sound settings may not be set correctly. Go to page 24 for more information.

Blank screen

- Check your connections. If you used yellow, red, and white cables to connect, make sure they're connected to the yellow, red, and white VIDEO INPUT jacks on the side or back of the TV, not to the VIDEO OUTPUT jacks on the back of the TV.
- If you're trying to watch something that's playing on a device connected to the TV (like a DVD), press INPUT until you get to the correct video input channel.
- Make sure the device connected to the TV is turned on.
- Try another channel.

Buttons don't work

- Unplug the TV for ten minutes and then plug it back in. Turn the TV on and try again.
- The side panel controls may be locked (disabled). Use the remote control to unlock the side panel controls by selecting the *Block Buttons* feature in the *Parental control* menu and press OK to uncheck the box.

TV turns off unexpectedly

- Sleep timer may have been activated.
- Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn on again. If this happens frequently, the voltage in your house may be abnormally high or low.
- Unplug. Wait ten minutes. Plug in again.

Can't select certain channel

- Channel may be blocked or not approved in the Parental Controls menu.
- If using a VCR, check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).
- Press the TV button and then try to change channels.

Noisy stereo reception

- May be a weak station. Use *Sound* menu to choose *Mono* sound.

Black box appears on the screen

- Closed-captioning might be on. Check *Closed Caption* in the *Setup* menu. Go to page 25 for more instructions.

Problems with HDMI Connection

- Make sure the HDMI or DVI device is turned on and the cables are firmly connected. If problems still occur, turn off your device. Re-connect your device. Reset the power by unplugging the power cord and plugging it back in.
- If you are tuned to the HDMI input and you're receiving *Unusable Signal* message on-screen, press the INFO button on the remote. If *Acquiring Channel* appears in the channel banner, the HDMI or DVI device isn't responding. Contact the manufacturer of the HDMI or DVI device for further assistance.
- If you tune to the HDMI input and you see snow, the video goes in and out, or the video takes a long time to appear, your HDMI or DVI device is having trouble sending video information to the TV. Re-connect your device. Reset the power by unplugging the power cord and plugging it back in. If problems persist, try connecting the Y Pb Pr jacks instead if they are available or contact the manufacturer of the HDMI or DVI device for further assistance.
- If you have black bars on each side of your picture, the device you connected might have a switch or a menu option allowing you to change the picture quality output that will fix this. Choose either 720p or 1080i.

The Remote Control Doesn't Work

- Something might be between the remote and the remote light sensor on the front of the TV. Make sure there is a clear path.
- Maybe the remote isn't aimed directly at the TV.
- Maybe batteries in remote are weak, dead, or installed incorrectly. Put new batteries in the remote. (Note, if you remove the batteries, you may have to reprogram the remote to operate other devices.)

Problems with V-Chip/Parental Controls

The rating limits don't work

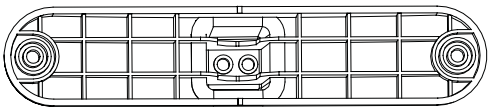
- You must lock the settings. Go to the Main Menu (press MENU on your remote), select *Parental control,* select *Lock Parental Control* and press OK to lock the parental contols..

I don't remember my password and I want to unlock the TV

- If you forget your password, turn the TV off. Simultaneously press and hold VOL▼ on the side panel and CLEAR on the remote for 10 seconds. Next time you enter the Parental control menu enter a new password
 The V-Chip won't let me watch a program even though it's not rated as violent.
- Maybe the movie was given an NR (Not Rated) status. After you block movie ratings, you must set NR to View separately in order to view movies with an NR rating.

What Else Can I Do?

If you've been through the Troubleshooting section and nothing has fixed your problem, try rebooting your TV. Note that after a reboot you may need to run your TV through the setup process again. To do a reboot, unplug the power cord from the wall outlet, power strip, etc. Keep your TV unplugged for about 5 minutes. Then plug the TV back in, turn on the TV, and see if the problem is fixed. If the problem remains, then please visit www.rca.com/television for updated FAQs or contact RCA Customer Support at the support number provided in your Warranty under *How To Get Service.*

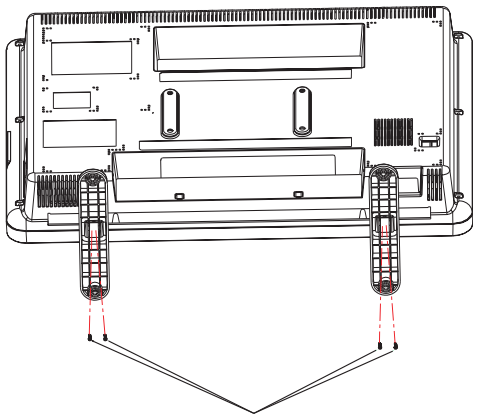


Mounting Your TV to the Wall

Caution: *The wall mount must bear a minimum of five times the TV's net weight without causing damage.*

To mount your TV to the wall you need to purchase a VESA wall mount. For models L26WD21 , purchase a VESA 200 x100, M4x 16mm; (200 x 100, for example, means the mounting measurements are 200mm horizontally and 100mm vertically; M4 x 16mm is the type and length of screw that should be used).

1. Make sure all cables are already connected to the TV.
2. Follow the directions included with the wall mount to mount the TV to the wall.



Attach the feet to the LCD TV using two supplied M5 x 16 screws on each side as shown

Attaching the Table Stand Feet to Your TV

To attach the table stand feet to your TV you will need to locate the two (2) table stand feet and four (4) M5 x 16 screws included with your purchase.

1. Place your TV on a solid surface with the screen down. Take care not to place your LCD TV on a surface that will damage the screen or the television cabinet.
2. Attach each table stand foot by installing two M5 x 16 screws thru the table stand foot into the bottom of the TV and tightening the screws.

V-Chip Rating Explanations

US V-Chip Rating System

TV-MA (Mature Audience Only) Specifically designed to be viewed by adults and may be unsuitable for children under 17. It contains one or more of the following content themes: crude indecent language (L), explicit sexual activity (S), or graphic violence (V).

TV-14 (Parents Strongly Cautioned) Contains some material that many parents would find unsuitable for children under 14. Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following content themes: intensely suggestive dialogue (D), strong coarse language (L), intense sexual situations (S), or intense violence (V).

TV-PG (Parental Guidance Suggested) Contains material that parents may fi nd unsuitable for younger children. Many parents may want to watch it with their younger children. The program contains one or more of the following content themes: some suggestive dialogue (D), infrequent coarse language (L), some sexual situations (S), or moderate violence (V).

TV-G (Parental Audience) Most parents would find this program suitable for all ages. It contains little or no sexual dialogue (D) or situations (S), no strong language (L), and little or no violence (V).

TV-Y7 (Directed to Children 7 years and older) Designed for children ages 7 and above. It may be more appropriate for children who have acquired the developmental skills needed to distinguish between make-believe and reality. Themes and elements in this program may include mild fantasy violence (FV) or comedic violence, or may frighten children under the age of 7.

TV-Y (All Children) Themes and elements in this program are designed for a young audience, including children from ages 2-6. It is not expected to frighten younger children.

Canadian English V-Chip Rating System

18+ (Adult) Programming intended for adults 18 and older. It may contain elements of violence, language, and sexual content which could make it unsuitable for viewers under 18. Violence Guidelines: May contain violence integral to the development of the plot, character or theme, intended for adult audiences. Other Content Guidelines: May contain graphic language and explicit portrayals of nudity and/or sex.

14+ (Viewer 14 amd over) Programming contains themes or content which may not be suitable for viewers under the age of 14. Parents are strongly cautioned to exercise discretion in permitting viewing by pre-teens and early teens. Violence Guidelines: May contain intense scenes of violence. Could deal with mature themes and societal issues in a realistic fashion. Other Content Guidelines: May contain scenes of nudity and/or sexual activity. There could be frequent use of profanity.

PG (Parental Guidance) Programming intended for a general audience but which may not be suitable for younger children (under the age of 8). Parents may consider some content inappropriate for unsupervised viewing by children aged 8-13. Violence Guidelines: Depictions of conflict and/or aggression will be limited and moderate; may include physical, fantasy, or supernatural violence. Other Content Guidelines: May contain infrequent mild profanity, or mildly suggestive language. Could also contain brief scenes of nudity.

G (General Audience) Programming considered acceptable for all ages groups. While not designed specifically for children, it is understood younger viewers may be part of the audience. Violence Guidelines: Will contain very little violence, either physical or verbal or emotional. Will be sensitive to themes which could frighten a younger child, will not depict realistic scenes of violence which minimize or gloss over the effects of violent acts. Other Content Guidelines: There may be some inoffensive slang, no profanity and no nudity.

C8+ (Children 8 and older) Programming generally considered acceptable for children 8 years and over to watch on their own. Violence Guidelines: Violence will not be portrayed as the preferred, acceptable, or only way to resolve confl ict or encourage children to imitate dangerous acts which they may see on television. Any realistic depictions of violence will be infrequent, discreet, of low intensity and will show the consequences of the acts. Other Content Guidelines: There will be no profanity, nudity or sexual content.

C (Children) Programming intended for children under age 8. Violence Guidelines: Careful attention is paid to themes which could threaten children's sense of security and well being. There will be no realistic scenes of violence. Depictions of aggressive behaviour will be infrequent and limited to portrayals that are clearly imaginary, comedic or unrealistic in nature. Other Content Guidelines: There will be no offensive language, nudity or sexual content.

Canadian French V-Chip Rating System

18+ (Adult) Programming is for adults only. This program contains sustained violence or extremely violent scenes.

16+ (Viewer 16 and over) Programming is not suitable for those under age 16. This program contains frequent scenes of violence or intensely violent scenes.

13+ (Viewer 13 and over) Programming may not be suitable for children under the age of 13. This program either contains several violent scenes or one or more scenes that are violent enough to affect them. Viewing in the company of an adult is therefore strongly recommended for children under the age of 13.

8+ (Viewer 8 and over) Not recommended for young children. This program is suitable for most audiences, but it contains mild or occasional violence that could upset young children. Viewing in the company of an adult is therefore recommended for young children (under the age of 8) who do not distinguish between reality and imagination.

G (General Audience) This program is suitable for audiences of all ages. It contains no violence, or any violence that it does contain is either minimal or is presented in a humorous manner, as a caricature, or in an unrealistic way.

Limited Warranty

What your warranty covers:

- Defects in materials or workmanship to the first consumer purchaser.

For how long after your purchase:

- 90 days from date of purchase for labor charges for screen sizes 32" and smaller. One year from date of purchase for labor charges for screen sizes larger than 32". At our option, we will either pay an Authorized RCA Service Center the labor to repair your television or replace your television with a new or refurbished unit.
- One year from date of purchase for parts. At our option, we will either supply new or refurbished parts to an Authorized RCA Service Center for them to repair your television or replace your television with a new or refurbished unit. After 90 days, labor charges will be at your expense for screen sizes 32" and smaller.

How you get service:

- Call 1-800-951-9582 or visit www.rca.com. Please have your unit's date of purchase and model/serial number ready. The model/serial number information can be found on the back of your unit.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual describes how to install, adjust, and operate your television. Any additional information should be obtained from your dealer).
- Installation and related adjustments.
- Signal reception problems not caused by your television.
- Damage from misuse or neglect.
- Batteries.
- Customer replacement fuses.
- Damage from images burnt onto the screen.
- Special, incidental or consequential damages.
- A television that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- A television purchased or serviced outside the U.S.A.
- Acts of nature, such as but not limited to lightning damage.

Product registration:

- Please complete and mail the Product Registration Card packed with your TV or register on-line at www.rca.com/television. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

- **THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. NO VERBAL OR WRITTEN INFORMATION GIVEN BY TTE TECHNOLOGY, INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.**

- **REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. TTE TECHNOLOGY, INC. SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.**

How state law relates to warranty:

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the United States:

- This warranty does not apply. See your dealer for warranty information.

Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.

Care and Cleaning

CAUTION: Turn OFF your TV before cleaning.
You can clean the TV as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.
IMPORTANT: Never use strong cleaning agents, such as ammonia-based cleaners, or abrasive powder. These types of cleaners will damage the TV.
The TV's screen may be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen. If necessary, you may use a cloth dampened with warm water. While cleaning do not spray liquid directly on the screen, or allow liquid to run down the screen and inside the TV. Also, never place drinks or vases with water on top of the TV. This could increase the risk of fire or shock hazard or damage to the TV.

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FCC Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

Visit the RCA website at www.rca.com/television

Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

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